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DIALOG(R)File 351:Derwent WPI
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009303312

WPI Acc No: 1992-430721/**199252**

Recombinant alpha-interferon purification - using monoclonal-IgG antibody
and gel filtration columns

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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KR 9200051	B	19920106	KR 87177	A	19870112	199252 B
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Priority Applications (No Type Date): KR 87177 A 19870112

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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KR 9200051	B			C07K-015/26	
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Abstract (Basic): KR 9200051 B

Purification method of recombinant alpha-interferon comprises (a) purifying alpha-interferon by monoclonal antibody IgG, (b) concentrating it by ultrafilter, and (c) passing it through a gel filtration column selected from sephadex G-50, sephadex G-75 or sephacryl S-200. The above procedure is repeated in order to elute pure monomeric alpha-interferon. The applying concn. of alpha-interferon to the gel filtration column is pref. 1-10 mg/ml. The elution solvent is pref. 1-100 mM tetraalkyl ammonium solution.

Derwent Class: A96; B04; D16

International Patent Class (Main): C07K-015/26